

Table 31
COMBUSTION TURBINES

TURBINE DATA	
Emission Point Number From Table 1(a) _____	
<p align="center">APPLICATION</p> <p>_____ Electric Generation _____ Base Load _____ Peaking _____ Gas Compression _____ Other (Specify) _____</p>	<p align="center">CYCLE</p> <p>_____ Simple Cycle _____ Regenerative Cycle _____ Cogeneration _____ Combined Cycle</p>
<div style="display: flex; justify-content: space-between;"> <div> Manufacturer _____ Model No. _____ Serial No. _____ </div> <div> Model represented is based on: _____ Preliminary Design _____ Contract Award _____ Other(specify) _____ <div style="text-align: right;">See TNRCC Reg. VI, 116.116(a)</div> </div> </div>	
Manufacturer's Rated Output at Baseload, ISO _____ (MW)(hp) Proposed Site Operating Range _____ (MW)(hp) Manufacturer's Rated Heat Rate at Baseload, ISO _____ (Btu/k W-hr)	

FUEL DATA
<p>Primary Fuels:</p> <div style="display: flex; justify-content: space-between;"> _____ Natural Gas _____ Process Offgas _____ Landfill/Digester Gas </div> <div style="display: flex; justify-content: space-between;"> _____ Fuel Oil _____ Refinery Gas _____ Other </div> <p>Backup Fuels:</p> <div style="display: flex; justify-content: space-between;"> _____ Not Provided _____ Process Offgas _____ Ethane </div> <div style="display: flex; justify-content: space-between;"> _____ Fuel Oil _____ Refinery Gas _____ Other (specify) _____ </div>
Attach fuel analyses, including maximum sulfur content, heating value (specify LHV or HHV) and mole percent of gaseous constituents.

EMISSIONS DATA
Attach manufacturer's information showing emissions of NO _x , CO, VOC and PM for each proposed fuel at turbine loads and site ambient temperatures representative of the range of proposed operation. The information must be sufficient to determine maximum hourly and annual emission rates. Annual emissions may be based on a conservatively low approximation of site annual average temperature. Provide emissions in pounds per hour and except for PM, parts per million by volume at actual conditions and corrected to dry, 15% oxygen conditions.
<p>Method of Emission Control:</p> <div style="display: flex; justify-content: space-between;"> <div> _____ Lean Premix Combustors _____ Other Low-NO_x Combustor </div> <div> _____ Oxidation Catalyst _____ SCR Catalyst </div> <div> _____ Water Injection _____ Steam Injection </div> <div> _____ Other(specify) _____ </div> </div>

ADDITIONAL INFORMATION
<p><i>On separate sheets attach the following:</i></p> <p>A. Details regarding principle of operation of emission controls. If add-on equipment is used, provide make and model and manufacturer's information. Example details include: controller input variables and operational algorithms for water or ammonia injection systems, combustion mode versus turbine load for variable mode combustors, etc.</p> <p>B. Exhaust parameter information on Table 1(a).</p> <p>C. If fired duct burners are used, information required on Table 6.</p>